

**KLIMEŠ, Miroslav; MATOUŠEK, Vladimír, ins.**

Circumstances effecting the quality of polyethylene coated paper. Papír a celulóza 16 no.2:32-34,37-38 F '63.

1. Podnikový výzkum Jihočeských papíren, pracoviště Tábor (for Klimes). 2. Podnikový výzkum Jihočeských papíren, pracoviště Votruň (for Matousek).

MATOUSEK, Vladimir, inz.; GRAMETBAUER, Petr, inz.

Use of activated silicate for increasing filler retention.  
Papír a celulósa 18 no. 6: 113-117 Je '63.

1. Podnikový výzkum Jihočeských papíren, pracoviště Větřní.

MATOUSEK, Vlastimil

Device for automatic depositing solution in the point paper chromatography. Chem listy 57 no.3:270-272 Mr '63.

1. Vyskumny ustav prirodnich leziv, Praha.

CZECHOSLOVAKIA/Nuclear Physics - Installations and Instruments. C  
Methods of Measurement and Research

Abs Jour : Ref Zhur Fizika, No 11, 1959, 24341

Author : Matousek, Vladimír

Inst :

Title : Statistics of Counting Radioactive Decay.

Orig Pub : Aplikace mat., 1959, 4, No 1, 53-74

Abstract : For conditions that are as close as possible to conditions of real measurements, distribution laws are derived for the times of mathematical expectation, specified number of pulses, and the number of pulses observed in a given time interval. It is shown that the general binomial Poisson law is the most convenient for the derivation of simple asymptotic time distributions. A detailed analysis is made of the influence of the resolution of the measuring setup on the form of the distribution. For the case of practical interest, that of primary Poisson.

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CZECHOSLOVAKIA/Nuclear Physics - Installations and Instruments. C  
Methods of Measurement and Research

Abs Jour : Ref Zhur Fizika, No 11, 1959, 24341

process and constant value of the depth time of the setup,  
detailed formulas are given for the number of observed  
pulses and for the expectation times. -- I.P. Sadikov

Card 2/2

- 13 -

24149

Z/038/61/000/007/001/001  
D219/D303

21.6000

AUTHORS: Lenger, Vladimír, and Matoušek, Vladimír

TITLE: Pressure ionization chamber for dose rate measurement  
of local gamma radiation

PERIODICAL: Jaderná energie, no. 7, 1961, 234 - 238

TEXT: The article describes the design and characteristics of pressure ionization chambers, and their advantages for local rate measurement. The term local gamma radiation is misleading as it includes, apart from gamma rays, radiations arising from the influence of the primary radiation on the surrounding materials, retardation beta rays, and secondary electrons. The intensity of the local radiation varies from 3.1  $\mu$ r/hr. (in lime rock) to 21  $\mu$ r/hr. and over (in uranium rock). Measurement by pressure ionization chamber has the following advantages: 1) One can use a quantity of gas which would make a normal ionization chamber very large; 2) One can use a much smaller electrode surface for a given quantity of

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Pressure ionization ...

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D219/D303

gas resulting in a much better ratio of ionization current/electron emission; 3) The pressure ionization chamber does not work in the saturation region: as the pressure rises and the static field falls the recombination along the  $\alpha$ -ray path rises much faster than the agglomeration along the  $\beta$ -ray and secondary electron paths. Fig. 3 gives the dependence of saturation of  $\alpha$  particles in polonium at 10 atmospheres pressure on the intensity of the electromagnetic field. Values for 3 given intensities of electromagnetic field are also given; 4) The measuring arrangement is very simple, the electrometer is used as a zero indicator; the ionization current is much greater than the insulation current. The disadvantage of the pressure chamber is its size, and low efficiency in the case of low energy protons (Below 150 keV). A ball shape was selected for the chamber mainly because the radiation comes from many directions, it is also the best from the strength point of view. The volume (capacity) is 14 liters. The chamber was tested to 26 atm. pressure, was cleaned with steel balls, washed with alcohol, and nitrogen. A manometer is permanently connected as a indicator of tightness. The

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Pressure ionization ...

electrometer can be covered with a polythene bag in case of damp surroundings. The whole chamber weighs 12 kg. It is suggested that a miniature electronic voltmeter fixed to the chamber would be the most suitable arrangement; the authors did not have such an instrument and used a Wulf-electrometer. To be able to measure local radiation, it is of course necessary to know the instruments' reading when this local radiation is absent. The best way to do this is a steel cubicle with a wall thickness of 25 cm. In the laboratory the value for the local radiation was 7  $\mu$ r/hr. By repeated experiments it was found that an intensity of 2  $\mu$ r/hr. could be measured with a variation of 10 % at a pressure of 10 atmospheres. There are 9 figures and 10 non-Soviet-bloc references: The references to the 4 most recent English-language publications read as follows: B. Hultqvist, Studies on Naturally Occurring Ionizing Radiations, Stockholm, 1956; R. Sievert, The Exposure of Man to Ionizing Radiations, U.N. General Assembly, A, 31. Jan. 1957; G.J. Hine, G.L. Brownell, Radiation Dosimetry, New York 1956, 179-184; P.J.R. Burch, Supl. Brit. Int. Rad. 7, 20, 1957. ✓

Card 3/4



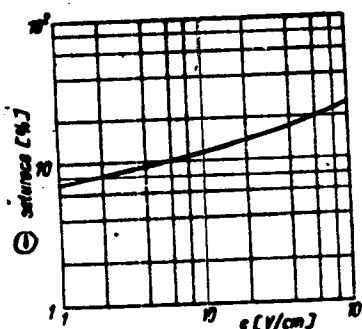
Pressure ionization ...

21119  
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D219/D303

ASSOCIATION: Ústav hygieny práce a chorob z povolání, Praha (Institute for Work Hygiene and Occupational Diseases, Prague)

Fig. 3.

Legend: 1 - Saturation [%].



Obs. 3 Fig. 3

Card 4/4

MATOUŠEK, Zdeněk, ing.

Experience with the Soviet PK-3M cutter loader in the Ostrava-Karvina mining district. Uhli 5 no.1:10-13 Ja '63.

1. Dul 1.maj, Karvina.

A 1 4532-66 ENA(3)/ENA(b)-2 JK

ACCESSION No: AP3023707

CZ/0077/65/000/000/0090/0094

AUTHOR: Carvas, J. (Doctor of veterinary medicine, Candidate of sciences) (Brno);  
 \*Kramak, A. (Doctor of veterinary medicine); Fegster, H. (Doctor of medicine) (Hodonin);  
 Matoušek, Z. (Doctor of veterinary medicine) (Gottwaldov)

TITLE: Some information on the epizootology of hog cholera, Aujeszky's disease,  
 and listeriosis in the Hodonin District

SOURCE: Veterinarství, no. 9, 1965, 390-394

TOPIC TAGS: animal disease, disease incidence, virus disease, infective disease

ABSTRACT: A timely and correct diagnosis still remains a problem in the dangerous  
 viral diseases of swine, particularly in cases of hog cholera and Aujeszky's  
 disease. The present report describes an atypical case of hog cholera, in the  
 course of which several persons, who had been in contact with the infected animals,  
 became ill as well. On the basis of a detailed investigation into the cause of  
 infection in man, it was possible to conclude that the atypical course of hog  
 cholera was caused by simultaneously occurring listeriosis. This conclusion is  
 supported by the location of a natural focus of listeriosis among the wild rabbits  
 and hares of the stricken district. In view of the occurrence of the above  
 atypical epidemic of hog cholera, the following ought to be kept in mind: In  
 case 1/2

4533-66

ACCESSION NR: AP5023707

In addition to the typical symptoms of convulsions and uncoordinated walking of the swine, there were additional symptoms of unusual lifting of the forelegs, aggressive behavior of the sows, opisthotonus, and swimming motions while lying on their sides. Thus, any disease characterized by disturbances of the central nervous system, and others which have been diagnosed as infectious paralyzes of swine, should always be investigated for the presence of listeriosis. Likewise, in cases of abortion, listeriosis should be suspected more frequently. For prophylaxis, in affected districts, lapinized vaccine can be used without fear of complications among all animals. Orig. art. has: 4 figures.

ASSOCIATION: none

IDENTITY: 00

EXCL: 00

SUB CODE: 15

NO REF 907: 000

OTHER: 009

Card 2/2

MATOUSHEK, Iozef [Matousek, Josef]; CHUTA, Ya. [Cuta, J.] tekhnicheskiiy sotrudnik; GLAZROVA, Z. [Glasrova, Z.], tekhnicheskiiy sotrudnik; GORZHA KOVA, I. [Horzakova, I.], tekhnicheskiiy sotrudnik; MATOUSHKOVA, V. [Matouskova, V.]; tekhnicheskiiy sotrudnik; SHAKHOVA, G. [Sachova, G.], tekhnicheskiiy sotrudnik

Preparation of immune serums for determining the group antigens in the blood of red and white cattle. Zhur. ob. biol. 24 no.1:50-63 Ja-P'63 (MIRA 16:11)

1. Laboratoriya biologii razmnozheniya sel'skokhozyaystvennykh zhivotnykh Chekhoslovatskaya akademiya sel'skokhozyaystvennykh nauk, Lubekhov, Chekhoslovatskaya Sotsialisticheskaya Republika.

MATOUSKOVA, B., MATOUSEK, C.

"Purkyně's Ziva." p. 447. (CASOPIS LEKARU CESKYCH, Vol. 92, no. 17, Apr. 1953, Praha.)

SO: Monthly List of East European Accessions, Vol. 2, #10 Library of Congress  
October 1953, Uncl.

MATOUŠKOVÁ, B.; MATOUŠEK, O.

"In Favor of the Erection of Jan. Ev. Purkyně's Monument in Prague." p. 1274 (CASOPIS  
LEKARU ČESKÝCH, Vol. 92, No. 46, Nov. 1953) Praha, Czechoslovakia

80: Monthly List of East European Accessions, Library of Congress, Vol. 3, No. 4,  
April 1954. Unclassified.

MATOUSKOVA, B.

MATOUSEK, O.; MATOUSKOVA, B. "Gallery of Our Physicians and Naturalists; Anthony  
Dignowity, Fighter For Freedom." p. 54.  
(Časopis Lékařů Českých. Vol. 93, no. 2, Jan. 1954. Praha).

East European Vol. 3, No. 6

SO: Monthly List of ~~Accessions~~ Accessions, Library of Congress, June 1953, <sup>4</sup>Incl.



**MATOUSEKOVÁ, Božena, Dr.**

**Our first pathologico anatomical post-mortem examination.  
Cas. lek. česk. 94 no.23:631-634 3 June 55.**

**1. (Biologický ústav Čs. akademie věd.) p. Parnatce prof. Dr.  
Hermana Sikla.**

**(AUTOPSY, history  
in Czech.)**

MP 8602/604, 20-207  
MATOUSEK, Otakar; MATOUSKOVA, Borena

Chapter from the history of industrial medicine (lung cancer)  
in Bohemia. Cas. lek. cesk. 96 no.9:276-284 1 Mar 57.

1. Universita Karlova a BU Cs. akademicko-ved - dejiny lekarstvi  
a prirodnich ved. O. M., Praha-Kosice, V Cibulkach 407.

(MINING

lung cancer in Czech. miners, hist. (Cs))

(LUNG NEOPLASMS

in Czech. miners, hist. (Cs))

MATOUSEK, Otokar; MATOUSKOVA, Bozena

Jean de Garro, Jenner's apostle and promoter of Karlovy Vary. Cas. lek.  
cesk. 26 no.29:940-941 12 July 57.

(BIOGRAPHIES

De Garro, Jean (Cz))

MATOUSEK, Otakar; MATOUSKOVA, Borena

Monument to Jan. E. Purkinje. Cas. lek. cesk. 98 no.25:791-795 19  
June 59.

1. O.M., Praha-Kosice, V. Cibulka 3.

(PHYSIOLOGY

monument to Jan E. Purkinje (Cs))

MATOUSKOVA, H.

TRCKA, Vaclav, Dr; HOLUBOVA, Eva; MACOVA, Svetla; MATOUSKOVA, Helena

Study on anticoagulant substances. XVII. Anticoagulant effects of  
the new palentan derivatives. Cas.lek.cesk. 91 no.15:454-461 11 Apr  
52.

1. Z Vyskum. ustavu pro farmacii a vicochemii v Praze.  
(COUMARIN, derivatives,  
ethyl biscoumacetate, anticoagulant eff., evaluation)

CZECHOSLOVAKIA/Chemical Technology - Chemical Products and  
Their Application. Pesticides.

H.

Abs Jour : Ref Zhur - Khimiya, No 10, 1959, 36-61.

Author : Jedlicka, V., Palk, Vl., Matouskova, J.

Inst : -

Title : Pesticides in Food Products.

Orig Pub : Prumysl potravin, 1958, 9, No 2, 90-92.

Abstract : No abstract.

Card 1/1

H-108  
21

Matouskova, J.

AGRICULTURE

Problems concerning the economic efficiency of capital investments on

collective farms. p. 107.

Vol. 32, no. 2, Feb. 1959.

Monthly Index of East European Accessions (EEAI) LC, Vol. 8, No. 4, April 1959

BENES, Jaroslav; MATOUSKOVA, Jirina

Problem of evaluation of excessively irradiated film dosimeters.  
Jaderna energie 10 no.11:403-405 N '64.

1. Department of Radiological Dosimetry of the Institute of  
Nuclear Research of the Czechoslovak Academy of Sciences, Rez  
near Prague.



MATOUŠKOVÁ, Jirina

Conversion factor for the electric equivalent of plane  $P$   
 derived by a  $\frac{1}{2}$  conversion factor. (Last Number  $P$  is  $P$  and  $P'$  is  $P'$ )  
 (Last Number  $P$  is  $P$  and  $P'$  is  $P'$ )

One of the limiting conditions can be ignored, the conversion factor  $G$  of a plane  $P$  of surface area  $P$  can be used by all of a derived equation. If the conversion factor  $G$  is known for an arrangement in which the source is located at the site of the limiting aperture of surface area  $P$  and another limiting aperture of surface area  $P'$  is placed at the site of the source. The equation is derived on the assumption that the surface  $P$  and  $P'$  are parallel to each other.

Distr: 4E3c/4E3d

3  
2

ack

CZECHOSLOVAKIA/Nuclear Physics - Installations and Instruments. C-2  
Methods of Measurement and Research

Abs Jour : Ref Zhur - Fizika, No 2, 1959, No 2651

Author : Matouskova Jirina  
Inst : Institute for Nuclear Physics, Czechoslovak Academy of  
Sciences, Prague, Czechoslovakia  
Title : Correction Factors for the Absolute Dosimetry of Flat, <sup>3</sup>-  
Sources with the Aid of Geiger-Mueller Counters

Orig Pub : Ceskosl. casop. fys., 1958, 8, No 2, 219-232

Abstract : The author considers the influence of self-absorption and  
of the geometry when operating with flat sources. An ex-  
pression is derived for the self-absorption factor in a  
homogeneous flat source, and the influence of the window  
thickness of an end window Geiger-Mueller counter on the  
geometric distribution of the radiation is considered. The  
author also establishes relationships that simplify the cal-  
culations of the radiation. -- V.I. Leng'el

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MATOUSKOVA, J.; BEHOUNEK, F.; HOLANOVA, J.

Ionized chambers for thermal -neutron dose measurement. p. 266.

JADERNA ENERGIE. (Ministerstvo energetiky)  
Praha, Czechoslovakia Vol. 5, no. 8, Aug. 1959

Monthly List of East European Accession, (EEAI), LC, Vol. 8, No. 12, Dec. 1959  
Uncl.

22361

Z/038/61/000/001/001/005  
A201/A126

26.2245

AUTHORS: Matoušková, Jiřina. and Holanová, Jarmila  
TITLE: Measuring of fast-neutron dose by nuclear emulsions  
PERIODICAL: Jaderná energie, no. 1, 1961, 2 - 5

TEXT: The article describes the determination of the sensitivity to fast neutrons of a Czechoslovak-made nuclear emulsion, and analyzes the dependence of the sensitivity on the pattern of the neutron spectrum and on the orientation of the plates towards the neutron source. The fast-neutron detection method by nuclear emulsions utilizes the elastic scattering of fast neutrons on hydrogen nuclei in the emulsion and in the surrounding hydrogenous substances. Part of the fast-neutron energy is transferred in elastic collisions to the hydrogen protons producing tracks in the emulsion which are then counted. In determining the sensitivity of a Czechoslovak-made nuclear emulsion, plates prepared by the emulzní skupina dosimetrického oddělení ÚJV (Emulsion Group, Dosimetric Section, ÚJV) (production number B8) with a 70- $\mu$  thick emulsion film were used. A cylindrical NP-265 Po+Be neutron source, 8.4 mm in diameter, 8.9 mm high, whose neutron emission was known with an accuracy of 15%, was used for calibration. The plates were

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Z/038/61/000/001/001/005  
A201/A126

X

## Measuring of fast-neutron dose by nuclear emulsions

cut to 20 x 20 mm squares and arranged in pairs with the emulsion film inside. To increase the sensitivity, a 0.25 mm polyethylene foil was placed between the emulsion layers. Each pair was then wrapped in black paper and placed into a flat Dural case lined with a 0.5 mm layer of cadmium to shield off thermal neutrons. During exposure the case was placed perpendicularly to the impinging neutron beam at a constant distance of 5.8 cm from the source center. A total of 20 plate pairs were exposed. After one half of the exposure time, 11 cases were turned upside down thus reversing the position of each plate relative to the neutron source and the polyethylene foil, so that the exposure conditions were exactly the same for each plate of the pair. The remaining 9 cases remained in the same position during the entire exposure time. Each case was exposed to a neutron dose of the order of  $10^8$  neutrons/cm<sup>2</sup>. The developed plates were inspected through a Meopta Bi-36 binocular microscope with a magnifying power of 1800x. On each plate, 100 randomly selected fields, each  $2675 \mu^2$ , were inspected and only tracks longer than 1.5 were counted. Table 1 shows the results. It is seen that the plates of the first group (turned upside down) have approximately the same sensitivity, while there is a great difference between the plates of each pair of the second group (unturned). Here the plates next to the source show a sensitivity about three times lower than the plates separated from the source by the polyethylene foil. The mean sensitivity

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Measuring of fast-neutron dose by nuclear emulsions

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A201/A126

ty of each pair, however, is the same for both groups. Its value, as calculated from the last column of Table 1, is  $7.84 \cdot 10^{-4}$  proton track per neutron with a mean deviation of  $0.11 \cdot 10^{-4}$ . The mean deviation for a plate pair is  $0.48 \cdot 10^{-4}$ . The discrepancy in the sensitivity of the plates in the second group is due to the fact that protons knocked out from the polyethylene foil are recorded only on the plate behind the foil while the plate nearer to the source records only proton tracks originating in the emulsion proper. The dependence of the emulsion sensitivity on the pattern of the energetic spectrum of neutrons was investigated by the comparison of the  $\text{Po+Be}$  spectrum of an energy of  $\sim 4.5$  Mev with the fission spectrum of U-235 of a mean energy of  $\sim 1.5$  Mev. It was found that although the ratio of these two spectra is about 1:3, the respective emulsion sensitivities have a ratio of only 0.8:1. The dependence of the emulsion sensitivity on the orientation of the plates towards the neutron beam was investigated by exposing 4 pairs of plates in four different orientations. The relative mean sensitivities of each pair are shown in Table 2, in which the sensitivity of the pair exposed at a  $90^\circ$  angle is taken as 1. (Editor: Fr. Behounek). There are 5 figures, 2 tables and 4 non-Soviet-bloc references. The reference to the most recent English-language publication reads as follows: Neutron Cross Sections, BNL 325, 1958.

ASSOCIATION: Ústav jaderného výzkum (Institute of Nuclear Research), Prague

Card 3/5

DETA, J.; MATOUSKOVA, J.

Drugs with delayed effect. Cesk. farm. 13 no.6:331-336 J1'64

1. Katedra farmacie Ustavu pro doskolovani lekaru, Praha.

BLATTNA, Jarmila; MATOUSKOVA, Jitka

Examination of essential fat acids in margarines. Prum potravin  
13 no.4:207-209 Ap '62.

1. Ustredni ustav potravinarskeho prumyslu, Praha.



PISTELKA, Z.; MATOUŠKOVÁ, S.

Our experience with the treatment of excentric fixation in amblyopia using Cupper's after-image method. Cesk. oft. 15 no.4:270-274 Aug 59.

1. Oční odd. OUMZ v Kromerizi, zastupující prim. MUDr. A. Dolensk.  
(STRABISMUS, compl.) (AMLYOPIA, compl.)

HORAKOVA, Z; HACH, V.; ROTH, Z.; MATOUSKOVA-SMOLKOVA, H.

Local anesthetic action and certain remote pharmacological properties of alkoxy derivative of xylocaine. Cesk. fysiол. 5 no.4:460-470 1956.

1. Vyskumny ustav pro Farmacii a Biochemii, Praha.  
(LIDOCAINE, related compounds,  
alkoxy deriv. local anesth. & pharmacol. (Cs))

MATOUSOVIC, J  
CZECHOSLOVAKIA

BARTOS, J., POKORNY, J., ROKERT, V., KRUSINA, L., and TEISINGER, P., with technical cooperation of LUKASOVA, I., SLIVOVA, L., MATOUSOVIC, J., GRUNT, J., DILEVSKY, J., and DUBSKY, J., First Clinic of Surgery (I. chirurgická klinika), Faculty of General Medicine (Fakulta všeobecného lékařství), Charles University, Prague, Prof. Dr. PAVROVSKY, director; Fourth Clinic of Internal Medicine (IV. interní klinika), Faculty of Internal Medicine, Charles University, Prague, Prof. Dr. M. PUCIK, director; Radiological Clinic (Radiologická klinika), Faculty of General Medicine, Charles University, Prague, Prof. Dr. V. SVAB, director, [individual affiliations cannot be determined].

"Direct Revascularization of Myocardium Following an Experimental Infarct in Dogs"

Prague, Časopis Lékařů Českých, Vol CII, No 26, 28 June 63, p 125.

Abstract: Experiments lead to the following conclusions:  
1. Anastomosis between the system and coronary artery is feasible even with a pulsating heart. 2. Infarct-like changes were observed following the tying of r. interventricularis. A partial adjustment took place following anastomosis. 3. Microscopic examination showed ischemic deposits in dogs with anastomosis  
1/2

CZECHOSLOVAKIA

Prague, Casopis Lekaru Ceskych, Vol CII, No 26, 28 June 63,  
p 725.

in contrast to large infarcts in dogs without anastomosis.  
4. A sudden inflow of blood into the ischemic deposit may be  
accompanied by an immediate fibrillation of chambers. It can  
be prevented by a temporary interruption of the blood flow  
by means of anastomosis and its slow and interrupted liberation.

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CZECHOSLOVAKIA

SLAVICEK, J.; MATOUS-MALBOHAN, J.; MOUREK, J.; Department of Physiology, Faculty of General Medicine of Charles University (Fysiologicky ustav fak. vseob. lek. KU), Prague.

"Direct Effect of Epinephrine and Insulin on Glycide Metabolism in Rat Central Nervous System; Ontogenetic Aspects."

Prague, Ceskoslovenska Fysiologie, Vol 14, No 5, Oct 1965; p 366-367.

Abstract: Epinephrine and insulin added to media in cerebral cortex, medulla, or cerebellum of 5 to 10 day old or adult rats did not affect glucose utilization or glycogen level. 4 Western references. Paper presented at the 15th Physiology Days, Olomouc, 28 May 65.

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BABAKOV, A.A.; FEDOROVA, V.I.; SOLOV'YEV, L.L.; LOLA, V.N.; DODOKA, L.I.;  
CHERKASHINA, N.P.; SHAMIL', Yu.P.; SMOLYAKOV, V.P.; BABKOV, T.M.;  
MOSHKEVICH, Ye.I.; PARADA, A.N.; REPESHKO-KRAVCHENKO, S.I.;  
ALEKSEYENKO, M.F.; KOROBKO, M.I.; KOROBKO, I.M.; AVERIN, N.M.;  
MATOV, A.A.; MIGUTSKIY, L.R.

Inventions. Met. i gornorud. prom. no.4:83 J1-Ag '64.

(MIFA 18:7)

GORBACH, B.M., gornyy inzh.; KRUPPA, P.I., gornyy inzh.; MATOV, A.L., gornyy inzh.

Increasing the wear resistance of 1,600 and 2,000 mm wide conveyor belts. Gor.zhur. no.10:46-49 0 '64. (MIRA 18:1)

1. Novo-Krivorozhskiy gornoobogatitel'nyy kombinat.

MATOV, A.L., inzh.; SHTEYN, V.Ya., inzh. [deceased ]; LEVITSKIY, V.Ya.,  
inzh.

Protecting crushing machinery from the accidental trapping of  
metallic objects. Gor. zhur. no. 12:52-54 D '65. (MIRA 18:12)

1. Novo-Krivorozhskiy gornobogatitel'nyy kombinat.



POPOVSKIY, V.G.; GASYUK, G.N.; MATOV, B.M.

Treatment of grapes with ultrasonic waves before squeezing.  
Kons. i ov. prom. 14 no.11:29-30 W '59. (MIRA 13:2)

1. Moldavskiy nauchno-issledovatel'skiy institut pishchevoy promys'len-  
nosti.

(Ultrasonic waves--Industrial application) (Grape juice)

GASYUK, G.H.; MATOV, B.M.

Treating grapes with high-frequency electric current before pressing. Kons.i ov.prom. 15 no.1:9-11 Ja '60.

(MIRA 13:5)

1. Moldavskiy nauchno-issledovatel'skiy institut pishchevoy promyshlennosti.

(Grapes)

GASYUK, G.N.; MATOV, B.M.

Clarification of grape juice by the electric current. Kons.1  
ov.prom. 15 no.7:3-6 J1 '60. (MIRA 13:6)

1. Moldavskiy nauchno-issledovatel'skiy institut pishchevoy  
promyshlennosti.  
(Grape juice)

GASYUK, G. N.; MATOV, B. M.

Treatment of grapes with increased frequency currents.  
Trudy MNIIPP 1:45-48 '61. (MIRA 16:1)

(Grape juice) (Electrolysis)

GASYUK, G. N.; MATOV, B. M.

New method of removing suspended particles from fruit and  
berry juices. Trudy NIIPP 1:63-73 '61. (MIRA 16:1)

(Fruit juices) (Electrolysis)

POPOVSKIY, V.G.; GASYUK, G.N.; MATOV, B.M.; LEVINA, M.V.

Effect of ultrasonic waves on the yield and color of grape juice.  
Kons.i ov.prom. 16 no.1:4-6 Ja '61. (MIRA 13:12)

1. Moldavskiy nauchno-issledovatel'skiy institut pishchevoy promyshlennosti.

(Grape juice)  
(Ultrasonic waves—Industrial applications)

MATOV, B.M.

Continuous electrolytic separator. Kons. i ov. prom. 16 no. 4:6-8 A, '61.  
(MIRA 14:3)

1. Moldavskiy nauchno-issledovatel'skiy institut pishchevoy promy-  
shlennosti.

(Fruit juices)

GASYUK, G.N.; MATOV, B.M.

Electric separation of grape juice in a continuous apparatus. Trudy  
MNIIPP 2:68-74 '62. (MIRA 16:4)

(Wine and wine making—Equipment and supplies)



*MATOV, B.S.*

**NITERVICH, D.S.; MATOV, B.S.; DMOKHOVSKIY, V.V.**

Safe for radioactive casts. Vest.rent. 1 rad. 32 no.2:86-87  
Mr-4p '57. (MLRA 10:8)  
(RADIOTHERAPY—EQUIPMENT AND SUPPLIES)

NATOV, I., inzhener; PETROV, M., inzhener.

Steamer "Sovetskii Soius." Mor.flot 17 no.5:21-22 My '57.  
(MIRA 10:7)

1. Glavflot (for Petrov).  
(Sovetskii Soius (Steamer))

MATOV, I.

For a closer tie between science and practice. Mor. flot no. 6  
supplements: 17-19 '59. (MIRA 12:9)

1. Nachal'nik otdela Tekhnicheskogo upravleniya Ministerstva morskogo  
flota.

(Shipping)

MATOV, I.; SUSHKOV, B., inzh.

Make greater use of ultrasonics by the merchant marine. Mor.flot 19  
no.8:4-7 Ag '59. (MIRA 12:11)

1. Nachal'nik otдела Tekhnicheskogo upravleniya Ministerstva morskogo  
flota (for Matov).  
(Merchant ships--Equipment and supplies)  
(Ultrasonic waves--Industrial applications)

MATOV, I.T.

New equipment in the merchant marine in 1962. Biul. tekhn.-ekon.  
inform. Tekh. upr. Min. mor. flota 7 no.3:3-11 '62. (MIRA 16:5)

1. Nachal'nik Otdela vnedreniya novoy tekhniki i nauchno-issle-  
dovatel'skikh rabot Tekhnicheskogo upravleniya Ministerstva  
morskogo flota.

(Merchant marine)

ANDROSOV, B.I., kand.tekhn.nauk; BEGAGOYEN, T.A., inzh.; BERKOV, K.I.,  
inzh.; BLINOV, I.S., kand.tekhn.nauk; BROITMAN, A.A., kand.tekhn.  
nauk; GRITSAY, L.L., kand.tekhn.nauk; ZAVISHA, V.V., kand.tekhn.  
nauk; KUNITSKIY, A.A., inzh.; LFSHCHINSKIY, V.N., inzh.;  
PASECHNIK, I.V., kand.tekhn.nauk; DUBCHAK, V.Kh., inzh., retsenzent;  
MATOV, I.T., inzh., retsenzent; TUMM, I.D., inzh., retsenzent

[Manual for ship mechanics] Spravochnik sudovogo mekhanika.  
Moskva, Transport, 1965. 832 p. (MIRA 18:12)

MATOV, Ivan, dots d-r

Development of technical progress in commerce, basic prerequisite  
for the increase of labor productivity on the part of commercial  
workers. Trud tzeni 4 no.7:37-46 '62.

**MATOV, K.**

**Distribution of orchards in Macedonia. p. 1**

**Found in Vol. 8 No. 3 Jan. 1956**

**In Skopje, Yugoslavia**

**(SOCIJALISTICKO REMJODELSTVO)**

**So. EAST EUROPEAN ACCESSIONS LIST Vol. 5, no. 7 July 1956**



MATOV, K. ; SLOVIC, D. ; DIMITROVSKI, T.

Measures for the improvement of fruit culture in Macedonia. p. 3.  
(Socijalisticke zemjodelstvo, Vol. 9, No. 2, Feb. 1957, Skopje, Yugoslavia)

SO: Monthly List of East European Accessions (KEAL) Lc. Vol. 6, No. 8, Aug 1957. Uncl.

EAST GERMANY

MATOFF, Konstantin, Professor, Dr., and KOLEV, G., of the Academician K. I. Skryabin Chair for Parasitology at Veterinary-Medical University G. Pavlov (Viss Veterinarno Medicinski Institut Georgi Pavlov, Katedra po Parazitologija "Akademik K.I. Skryabin") in Sofia, Bulgaria.

"Effectiveness Studies on Anthelin as a Medication against *Echinococcus granulosus* in Dogs"

Jena, Angewandte Parasitologie, Vol 4, No 1, Jun 1963, pp 36-39.

Abstract: Twelve dogs, infected with *Echinococcus granulosus*, were given 1-4 tablets containing each 47 milligram Anthelin, an antimony-containing preparation; the average dosage being 13.4 milligram per living weight. The effect of the drug was similar to that of *Arecolinum hydrobromicum*; however, the effect appeared only after a delay. Eight references, including 2 Russian, 2 Bulgarian, and 4 Western.

1/1

1. MATOV, K., Prof.

2. USSR (600)

3. Academician K. I. Skryabin is our honored guest. Veterinariia 29 no. 12 1952.

4. Helminthologists

9. Monthly List of Russian Accessions, Library of Congress, March 1953. Unclassified.

MATOV, K.

"Development and Achievements of Soviet Helminthology. . 1" (PRIRODA I ZNANIE) Vol. 6,  
No. 6, June 1953.

SO: Monthly List of East European Accessions L. C., Vol. 2, No. 11, Nov. 1953, Uncl.

COUNTRY : BULGARIA  
CATEGORY : Zooparasitology - Parasitic Worms  
ABS. JOUR. : RZBiol., No. 19 1959, No. 36343  
AUTHOR : Matov, K.  
INST. :  
TITLE : Helminthozoonoses and Their Control  
  
ORIG. PUB. : Priroda (Bulg.), 1957, Vol. 6, No. 4, 19-25  
ABSTRACT : No abstract

CARD: 1/1

-15-

NATOV, K., prof., doktor

Academician Konstantin Ivanovich Skriabin becomes a member of  
the Bulgarian Academy of Sciences. Veterinariia 35 no.12:  
19 D '58. (WIRA 11:12)

1. Zaveduyushchiy kafedroy parazitologii imeni akademika K.I.  
Skryabina Vysshogo veterinarno-meditsinskogo instituta i  
TSentral'noy gel'mintologicheskoy laboratoriy Bolgarskoy AN,  
chlen-korrespondent Bolgarskoy AN.  
(Skriabin, Konstantin Ivanovich, 1878--)

MATOV, K.

MATOV (Matoff), Konstanty

On intravital immuno-biological diagnosis of trichinosis.  
Widomosci parazyt., Warsz. 6 no.1:11-19 '60.  
(TRICHINOSIS diag.)

MATOV, K.P.

Muscular phase of acquired immunity in trichinosis. Trudy Gel'm.  
lab. 10:134-142 '60.

(NIRA 13:7)

(TRICHINA AND TRICHINOSIS) (IMMUNITY)



MATOV, K., Prof - Dr.

"Academician K.I. Skryabin is decorated with the order of Georgi Dimitrov."

Veterinariya, vol 37, no 4, 1960, p. 9

Cor-Member, Acad. chair of Parasitology in acad. K.I. Skryabin VVM I.  
and chief Central Helminthology lab, BAN.

MATOV, K.; KOMANDAREV, St.

Further studies on the problems of muscular Trichinella  
larvae occurring in the organs having no striated muscles.  
Izv khelminth lab BAN 9:81-90 '64.

MATOV, K. P. (Member-Correspondent, Bulgaria Academy of Sciences, Head of the Chair of Parasitology imeni Academician K. I. Skryabin Veterinary-Medical Institute).

"The advantage of examining for trichinosis, the gullet of a swine carcass rather than the diaphragm muscles."

Veterinariya, Vol. 37, No. 9, p. 77, 1960.

MATOV, K.P.

Expediency of studying trichinosis in the gullet instead  
of in the crura of the diaphragm of pig carcasses. Veterinariia  
37 no.9:77-79 S '60. (MIRA 14:11)

1. ~~Chlen-korrespondent~~ Solgarskoy AN, zaveduyushchiy kafedroy  
parazitologii imeni akademika K.I. Skryabina Veterinarno-  
meditsinskogo instituta.

(Trichina and trichinosis)

(Pork)

MATOV, Konstantin; KOMANDAREV, Stamat

The intensity of invasion of *Trichinella* in various swine muscles.  
Wlad. parazyt. 8 no.6:613-628 '62.

1. Kafedra parazitologii Vet. Insti, Sofiya, Bolgariya.  
(TRICHINOSIS) (SWINE DISEASES)

MATCOV, L. A.

Condensation of  $\beta$ -chlorovinyl ketones with phenol ethers  
 A. N. Mensuryan, N. K. Kochetkov, and L. A. Matcov

(N.Y. Lomonosov State Univ., Moscow). *Doklady Akad. Nauk S.S.S.R.* 92, 86-8 (1963); cf. C.A. 48, 10010.

With catalysis by  $\text{SnCl}_4$ , chlorovinyl ketones add phenol ethers in  $\text{C}_6\text{H}_6$  solns. Thus, 30 g.  $\text{MeCOCH}(\text{CHCl})$  and 23.6 g.  $\text{MeOPh}$  in 30 ml.  $\text{C}_6\text{H}_6$  treated with ice cooling over 1 hr. with 59 g.  $\text{SnCl}_4$  (no  $\text{HCl}$  evolves), the mixt. stirred 30 min., dild. with 180 ml.  $\text{Et}_2\text{O}$ , 150 ml.  $\text{H}_2\text{O}$  added, and the org. layer washed with  $\text{Na}_2\text{CO}_3$  and dried, gave 54%  $p\text{-MeOC}_6\text{H}_4\text{CH}(\text{CHCl})\text{CHAc}$ , m.  $79-80^\circ$  (from  $\text{EtOH}$ );  $4,4\text{-dinitrophenylhydrazon}$ , m.  $226^\circ$  (decomps.). Oxidation with  $\text{KMnO}_4$  gave p-methoxyacid, m.  $181-2^\circ$ . Similarly  $\text{MeOPh}$  gave  $p\text{-MeOC}_6\text{H}_4\text{CH}(\text{CHCl})\text{CHAc}$ , m.  $74-5^\circ$ ;  $p\text{-MeOC}_6\text{H}_4\text{CH}(\text{CHCl})\text{CHAc}$  gave 57%  $p\text{-MeOC}_6\text{H}_4\text{CH}(\text{CHCl})\text{CHAc}$ , m.  $140-82^\circ$  (from petr. ether); while  $\text{MeCOCH}(\text{CHCl})$  gave 83%  $p\text{-MeOC}_6\text{H}_4\text{CH}(\text{CHCl})\text{CHAc}$ , m.  $42-3^\circ$  (from  $\text{EtOH}$ ).  $\text{MeCOCH}(\text{CHCl})$  and  $p\text{-MeOC}_6\text{H}_4\text{OMe}$  similarly gave 41.5%  $p\text{-MeOC}_6\text{H}_4\text{CH}(\text{CHCl})\text{CHAc}$ , m.  $151-57^\circ$ ; m.  $33^\circ$  (from petr. ether), oxidized with  $\text{KMnO}_4$  to 4,4-dinitrophenylhydrazon, m.  $263-3^\circ$ ;  $p\text{-CH}_3\text{OMe}$  and  $\text{MeCOCH}(\text{CHCl})$  gave 14%  $p\text{-MeOC}_6\text{H}_4\text{CH}(\text{CHCl})\text{CHAc}$ , m.  $200-20^\circ$ ; m.  $65^\circ$  (from petr. ether), while  $p\text{-CH}_3\text{OMe}$  gave 15.5%  $4,5\text{-di-MeO isomer}$ , m.  $57-8^\circ$  (from petr. ether). Thiophene and  $\text{MeCOCH}(\text{CHCl})$  similarly gave 39%  $2\text{-phenylidenecyclopent-1-en-1-ylideneacetone}$ , b.  $117-17.5^\circ$ ; m.  $22.5-3.0^\circ$  (from petr. ether). G. M. Kosolapoff

83505

S/064/60/000/005/007/009  
B015/B058

11.7100

AUTHORS: Brandt, B. B., Matov, L. A., Rozlovskiy, A. I.,  
Khaylov, V. S.

TITLE: Explosion Danger in Mixtures of Nitrogen Oxides<sup>||</sup> With  
Combustible Gases and Vapors. Mixtures With Nitrous  
Oxide at Atmospheric Pressure <sub>27</sub> ✓

PERIODICAL: Khimicheskaya promyshlennost', 1960, No. 5, pp. 67 - 73

TEXT: The processing of gaseous products developing from nitration<sup>||</sup> and oxidation of various hydrocarbons by means of nitric acid (Table 1) is discussed and it is stated that explosive gas mixtures can develop in this case. It is pointed out that methods applied at present for evaluating the combustibility of gas mixtures containing several components are inadequate, and a method of classifying the combustion properties<sup>||</sup> of gas mixtures with more than 3 components is proposed, in which the dependence of the critical value of the coefficient  $\alpha$  of the oxidizing-agent excess on the total content of the inert components is determined, and an "upper" limit of gas ignition is defined. Data supplied by

Card 1/2

83505

Explosion Danger in Mixtures of Nitrogen Oxides With Combustible Gases and Vapors. S/064/60/000/005/007/009  
Mixtures With Nitrous Oxide at Atmospheric Pressure B015/B058

publications on the ignition limit of binary mixtures of some fuels with nitrogen oxide and nitrous oxide are given in Table 2. In the present case, the ignition limit of three-component mixtures from  $N_2O$ , H and butane, cyclohexane, p-xylene and carbon monoxide with different nitrogen content and 1 atm pressure was determined in a special apparatus (Fig. 2). The critical values  $\alpha$  for the binary mixtures averaged 28 and  $\approx 0.3$ ; in the "upper" limit of the gas ignition  $\alpha \approx 1$  with  $H_2 = 75-78\%$ . The publication data for butane-CO mixtures (Refs. 15,17) are too low. It is shown that the true combustibilities of the mixtures investigated, which may be determined under consideration of the difference of the stoichiometric coefficients, practically coincide. The ignition limit of the cyclohexane- $N_2O$  mixtures are not influenced by smaller additions of CO. The CO additions can be neglected when determining the explosion danger of gaseous oxidation- and nitration products. G. N. Groshen participated in some experiments. There are 10 figures, 2 tables, and 23 references: 7 Soviet, 8 US, 1 British, 3 German, 1 Italian, and 3 Dutch.

Card 2/2



BRANDT, B.B.; MATOV, L.A.; ROZLOVSKIY, A.I.; KHAYLOV, V.S.

Explosion hazard of mixtures of nitrogen oxides with fuel gases  
and vapors. Khim.prom. no.5:419-425 J1-Ag '60.

(MIRA 13:9)

(Nitrogen oxide) (Gases)

(Explosions)

BRANDT, B.B.; ROZLOVSKIY, A.I.; KHAYLOV, V.S.; Prinimal uchastiye; MATOV, I.A.

Explosiveness of mixtures of nitrogen oxides with combustible gases  
and vapors. Khim.prom. no.3:204-210 Nr '61. (MIRA 14:3)  
(Nitrogen oxide)

ZINGER, Z.; ORLOVSKIY, I. (Orel); MATOV, N.; FEDOTENKO, N.; ORLENIN, A.;  
insh.; BARANOV, V.

Each enterprise should have a primary organization of the  
scientific technological society. NTO 2 no.4:60 Ap '60.  
(MIRA 13:6)

1. Predsedatel' Kuybyshevskogo oblastnogo pravleniya nauchno-  
tekhnicheskogo obshchestva gorodskogo khozyaystva i avtotransporta  
(for Zinger). 2. Predsedatel' soveta pervichnoy organizatsii  
Nauchno-tekhnicheskogo obshchestva Moshayskogo lesopromkhozha,  
Moskovskaya oblast' (for Matov). 3. Zamestitel' predsedatelya  
TSentral'nogo pravleniya Nauchno-tekhnicheskogo obshchestva mashino-  
stroitel'noy promyshlennosti (for Fedotenko).  
(Technical societies)

-BENDERSKIY, A.; ASLANLY, M.; MATOV, N.; GODZIYEV, N.

Readers' letters. NTO 3 no. 5:47 My '61.

(MIRA 14:5)

1. Chlen soveta nauchno-tekhnicheskogo obshchestva Igrinskogo lespromkhoz kombinata "Udmurtles" (for Benderskiy). 2. Chlen nauchno-tekhnicheskogo obshchestva legkoy promyshlennosti, g. Baku (for Aslanly). 3. Chlen nauchno-tekhnicheskogo obshchestva leznoy promyshlennosti, Moshayskogo lespromkhoz (for Matov). 4. Chlen prezidiuma Gruzinskogo respublikanskogo pravleniya Nauchno-tekhnicheskogo obshchestva stroitel'noy industrii (for Godziyev).  
(Technical societies)

MATOV, N.G.

Leading road section of the Lithuanian Highway Administration. Avt.  
der. 19 no.3:4 Nr '56. (MIRA 9:7)  
(Lithuania--Roads--Maintenance and repair)

MATOV, P.

Dachev, N. Improvement of the use of mechanization in construction. p. 7.  
TEKHNIKA, Sofiya, Vol. 4, no. 6, Aug./Sept. 1955.

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 5, No. 6 June 1956,  
Uncl.

MLADENOV, V., insh.; MATOV, P., insh.; ILCHEV, V., insh.

Mechanisation in building equal to new tasks. Streitelstvo 10  
no.1:25-28 Ja-F '63.

MATOV, P., inzh. (Narodnaya Respublika Bolgariya)

Mechanization of labor-consuming processes in the construction  
industry of Bulgaria. Mekh. stroi. 18 no.6:29-30 Je '61. (MIRA 14:7)  
(Bulgaria—Construction industry—Technological innovations)



GAVULICH, Anatoliy Konstantinovich; MATOV, V.I., red.; BORUNOV, N.I.,  
tekhn.red.

[Electronic simulating devices] Elektronnye modeliruyushchie  
ustroystva. Moskva, Gos.energ.izd-vo, 1961. 75 p. (Biblioteka  
po avtomatike, no.33) (MIRA 14:7)

(Electronic calculating machines)  
(Electromechanical analogies)

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FORWORD -- 2

Introduction -- 6

Part 1/2

APPROVED FOR RELEASE: 06/14/2000

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L 16483-65

ACCESSION NR AM 046249

Ch. 1. Arithmetic principles of designing a digital computer -- 9  
Ch. 2. Elements of a digital computer -- 22  
Ch. 3. Elements of a digital computer -- 39  
Ch. 4. Elements of a digital computer -- 57  
Ch. 5. Elements of a digital computer -- 67

SUB CODE: DP

SUBMITTED: 30Aug63

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OTHER: 000

Card 2/2

*Matov, V.S.*

**DMOKHOVSKIY, V.V.; MATOV, V.S.; MITKEVICH, D.S.**

**Containers for radioactive needles and compounds. Vest.rent. i rad.  
el no.6:89-91 N-D '56. (MLRA 10:2)**

**1. Iz Gosudarstvennogo nauchno-issledovatel'skogo rentgeno-radio-  
logicheskogo instituta imeni V.M.Molotova (dir. - dotsent I.G.Iabunova)  
(RADIATION PROTECTION  
containers for radioactive needles & substances )**

MATOV, V.V.

Electrocardiographic study of athletes during physical exertion.  
Report No.1. Probl.vrach.kontr. no.4:179-191 '58.

(MIRA 12:9)

(SPORTS--HYGIENIC ASPECTS) (ELECTROCARDIOGRAPHY)

MATOV, V. V. Cand Med Sci — (diss) "Dynamics of the Electrocardiogram  
in the Process of Overcoming Physical Stress," Moscow, 1960, 19 pp, 250 copies  
(First Moscow Medical Institute im I. M. Sechenov) (KL, 47/60, 107)

27 0000

29761  
S/194/61/000/006/044/077  
D201/D302

AUTHOR: Matov, V.V.

TITLE: Remote analysis of sportsmen's electrocardiograms

PERIODICAL: Referativnyy zhurnal. Avtomatika i radioelektronika,  
no. 6, 1961, 4-5, abstract 6 E23 (Novosti med.  
tekhn., 1960, no. 3, 42-45)

TEXT: Communication on the results of tests on sportsmen with a tele-electrocardiograph, designed at the All-Union Scientific Research Institute of Medical Instruments and Equipment. The transmitting section of the instrument, weighing about 1 kg, may be used for examining sportsmen of various categories during competitions or in training. The range is ~ 300-350 m. The procedure for recording the heart beat potentials is described. It is shown that the main factors determining good quality of recording are the magnitude of interelectrode resistance and its constancy and also the values of the heart emf. [ Abstracter's note: Complete translation ] X

Card 1/1



GRAYEVSKAYA, N.D.; MATOV, V.V.; GONCHAROVA, G.A.

Comparative data on the adaptability of athletes' bodies to various  
high-speed exercises. Probl. vrach kontr. no.5:176-189 '60.

(MIRA 14:3)

(EXERCISE)

MATOV, V.V.; SURKINA, I.D.

Use of a spirograph of the open type in the examination of  
athletes under various types of strain. Nov. med. tekhn. no.3:  
98-103 '65. (MIRA 19:1)

MATOVA, A.D.

PETROCHENKO, P.F.; SHAPIRO, I.I.; TEVEROVSKIY, P.A., inzh.; SOLDATOVA, T.I., inzh.; KOZLOVA, V.I., inzh.; MATOVA, A.D., tekhnik; ALEKSEYEV, S.A., dotsent, red.; CHERNOVA, Z.I., tekhn.red.

[Time norms established in the general machinery industry for finishing and cropping operations in iron, steel and nonferrous metal founding; large-lot and mass production] Obshchemashinostroitel'nye normativy vremeni na ochistno-obrubaye raboty pri proizvodstve chugunnogo, stal'nogo i tsvetnogo lit'ia; krupnoseriynoe i massovoe proizvodstvo. Moskva, Gos.nauchno-tekhn.izd-vo mashinostroit.lit-ry, 1959. 57 p. (MIRA 13:1)

1. Moscow. Nauchno-issledovatel'skiy institut truda. TSentral'noye byuro promyshlennyykh normativov po trudu. 2. Glavnyy inzhener TSentral'nogo byuro promyshlennyykh normativov po trudu pri Nauchno-issledovatel'skom institute truda (for Petrochenko). 3. Zaveduyushchiy otdelom mashinostroyeniya TSentral'nogo byuro promyshlennyykh normativov po trudu pri Nauchno-issledovatel'skom institute truda (for Shapiro). 4. Sotrudniki TSentral'nogo byuro promyshlennyykh normativov po trudu pri Nauchno-issledovatel'skom institute truda (for Teverovskiy, Soldatova, Kozlova, Matova).

(Founding--Standards)

PETROCHENKO, P.F.; SHAPIRO, I.I.; TEVEROVSKIY, P.A., inzh.; SOLDATOVA, T.I., inzh.; KOZLOVA, V.I., inzh.; MATOVA, A.D., tekhnik; ALEKSEYEV, S.A., dotsent, red.; BERKOVA, G.I., red.isd-va; KRIVOLAPOV, M.A., tekhn.red.

[Time norms for finishing, cleaning and chipping processes in steel and nonferrous metal casting for general machinery manufacture; mass production] Obshchemashinostroitel'nye normativy vremeni na ochistno-obrubnye raboty pri proizvodstve chugunnogo, stal'nogo i tsvetnogo lit'ia; seriinoe proizvodstvo. Moskva, Gos.nauchno-tekhn.isd-vo mashinostroit.lit-ry, 1959. 69 p. (MIRA 12:12)

1. Moscow. Nauchno-issledovatel'skiy institut truda. Tsentral'noye byuro promyshlennykh normativov po trudu. 2. Glavnyy inzhener Tsentral'nogo byuro promyshlennykh normativov po trudu pri Nauchno-issledovatel'skom institute truda (for Petrochenko). 3. Zaveduyushchiy otdelom mashinostroyeniya Tsentral'nogo byuro promyshlennykh normativov po trudu pri Nauchno-issledovatel'skom institute truda pri Nauchno-issledovatel'skom institute truda (for Shapiro). 4. Sotrudniki Tsentral'nogo byuro promyshlennykh normativov po trudu pri Nauchno-issledovatel'skom institute truda (for Teverovskiy, Soldatova, Kozlova, Matova).

(Founding)

SHAPIRO, I.I.; GVOZDEVA, A.M.; IZRYABINA, V.I.; KOZLOVA, V.I.; MATOVA, A.D.; PEROVA, A.S.; KHROMOV, Yu.M.; TISHIN, S.D., kand. tekhn. nauk, red.; DOBRITSYNA, R.I., tekhn. red.

[General norms of cutting conditions and time used in the machinery industry for technical standardisation of preparatory operations; cutting of metal with disk saws, presses and shaped-stock shears] Obshchemashinostroitel'nye normativy reshimov resaniia i vremeni dlia tekhnicheskogo nerairovaniia sagetovitel'nykh rabot; reska metalla na diskovykh pilakh, pressakh i sertovykh nashmitsakh. Moskva, Mashgis, 1961. 75 p. (MIRA 14:12)

1. Moscow. Tsentral'noye byuro promyshlennyykh normativov po trudu.
2. Zaveduyushchiy etdelom mashinostroyeniya Tsentral'nogo byuro promyshlennyykh normativov po trudu pri Nauchno-issledovatel'skom institute truda (for Shapiro).
3. Tsentral'noye byuro promyshlennyykh normativov po trudu pri Nauchno-issledovatel'skom institute truda (for all, except Tishin, Dobritsyna). (Cutting machines)

MATOVA, B.

"Children's toys during 1959."

LEKA PROMISHLENOST, Sofia, Bulgaria, Vol. 8, no. 3, 1959.

Monthly List of East European Accessions Index (ERAI), The Library of Congress, Volume 8, No. 8, August 1959.

Unclassified

MATOVA, B.

The question of determining economic efficiency. p. 7.

LEKA PROMISHLENOST, Sofia, Bulgaria, Vol. 8, no. 6, 1959.

Monthly List of East European Accessions (EEAI) LC, Vol. 6, No. 10, <sup>Oct.</sup> 1959  
Uncl.

/  
SERBEZOV, V.; OGNANOV, D.; MATOVA, E.; ALEXANDROV, E.; MAKAVKYEVA, E.;  
NEDELTSEVA, N.

Detection of ornithosis virus by the fluorescent antibody method,  
using convalescent anti-virus abortion sheep sera. J. hyg. epidem.  
(Praha) 9 no.2:253-255 '65.

1. Higher Institute of Military Medicine, Veterinary Institute of  
Infectious and Parasitic Diseases, State Epidemiology Station,  
Sofia.



I 38341-66

ACC NR: AP6027988

SOURCE CODE: BU/0011/66/019/001/0043/0052

AUTHOR: Matova, M.

23

ORG: Institute of Geology, BAN

13

TITLE: Transverse structure of the Kraishita - Srodna Gora. An attempt of seismo-tectonic prognostication

SOURCE: Bulgarska akademiya na naukite. Doklady, v. 19, no. 1, 1966, 49-52

TOPIC TAGS: earthquake, geophysics

ABSTRACT: Studies carried out in the wake of the earthquake of 29 January 1965 discovered between Zhepole and the Radomir-Pernik-Sofia line a 2000 km<sup>2</sup>, 30 km wide transverse tectonic block. The author describes in details this unit (which may extend into Yugoslavia) and notes that the pressure of such a transverse monolithic block presents a potential danger as generator of possible future seismic manifestations. The article concludes with a brief attempt of seismo-tectonic prognostication. This paper was presented by Academician E. Bencev on 24 September 1965. [JPRS: 36,844]

SUB CODE: 20, 08 / SUBM DATE: 24Sep65 / ORIG REF: 004 / SOV REF: 004

Card 1/1

0917 1704

Matova, Yevgeniya Yevgen'yevna

CHERVAKOV, Vasily Fedorovich; MATOVA, Yevgeniya Yevgen'yevna; SHER-  
SHAVKIN, Sergey Vladimirovich; RYABOV, G.S., redaktor; BEL'-  
CHIKOVA, Yu.S., tekhnicheskiy redaktor

[Hundred and fiftieth anniversary of the Forensic Medicine  
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